MZK ST12D07

MZK 20V 12" Cordless String Trimmer

User Manual

1. Product Overview

The MZK 20V 12" Cordless String Trimmer is a versatile and lightweight tool designed for efficient lawn care. It functions as both a string trimmer and an edger, powered by a high-speed 8000 RPM motor. Key features include a 12-inch cutting diameter, automatic line feed system, and an ergonomic design for comfortable use.

- **Upgraded Motor:** Features a brand-new upgraded motor with a high speed of 8000 RPM for efficient cutting.
- **12-inch Cutting Diameter:** Provides larger coverage with an automatic line feed system, eliminating manual adjustments.
- **Lightweight Design:** Weighs only 6.3 lbs with an ergonomic adjustable handle for effortless operation and reduced fatigue.
- **Extended Usability:** Includes one built-in spool and four additional replacement spools for prolonged use.

2. Safety Instructions

Always read and understand all safety warnings and instructions before operating the string trimmer. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Wear appropriate personal protective equipment (PPE) including eye protection, long pants, and sturdy footwear.
- Keep children, bystanders, and pets at least 50 feet away from the operating area.
- Inspect the work area for debris, rocks, or other objects that could be thrown by the cutting line.
- Ensure the battery is fully charged before use and remove it when not in use or during maintenance.
- Do not operate in wet conditions or rain.
- Always hold the trimmer firmly with both hands during operation.

3. Package Contents

Verify that all items are included in your package:

- MZK 20V 12" Cordless String Trimmer Unit
- 2 x 20V 2AH Lithium-ion Batteries

- Battery Charger
- 8 Replacement Spools (including one pre-installed)
- Safety Guard
- Adjustable Auxiliary Handle
- User Manual



Figure 1: All components included in the MZK 20V 12" Cordless String Trimmer package.

4. Setup

1. **Attach the Safety Guard:** Align the safety guard with the trimmer head and secure it firmly.
2. **Install the Auxiliary Handle:** Slide the auxiliary handle onto the shaft and adjust its position for comfortable grip, then tighten the locking mechanism.

3. **Insert the Battery:** Ensure the battery is fully charged. Slide the battery into the battery compartment on the handle until it clicks into place.
4. **Adjust Shaft Length:** The telescopic pole can be adjusted from 36" to 44" to suit your height. Loosen the red collar, extend or retract the shaft, and then tighten the collar securely.



Figure 2: The 12-inch cutting width provides ample coverage for various tasks.



Figure 3: The automatic line feed system ensures continuous cutting without manual adjustments.



Figure 4: The ergonomic adjustable handle provides comfort and control during operation.

5. Operating Instructions

5.1 Starting the Trimmer

To start the trimmer, press the safety switch located on the handle, then squeeze the trigger. The trimmer will begin operating immediately.

Your browser does not support the video tag.

Video 1: Official MZK String Trimmer/Edger Introduction, demonstrating basic operation and features.

5.2 Trimming Mode

Hold the trimmer firmly with both hands. Swing the trimmer from side to side, keeping the cutting line parallel to the ground. The automatic line feed system will extend the line as needed during operation.



Figure 5: The 2-in-1 design allows for easy conversion between trimming and edging modes.

5.3 Edging Mode

To convert to edging mode, press the red button near the trimmer head and rotate the head 90 degrees. The integrated wheel allows you to guide the trimmer along edges for a clean, precise cut. Ensure the wheel is on the hard surface (e.g., sidewalk, driveway) and the cutting line is over the grass edge.



Figure 6: The trimmer head can be rotated for precise edging along pathways.

6. Maintenance

6.1 Spool Replacement

When the cutting line runs out, replace the spool. Press the tabs on the spool cover to remove it. Take out the empty spool and insert a new one, ensuring the line is threaded through the eyelet. Replace the cover securely.



Figure 7: The convenient spool holder allows for easy storage of spare spools directly on the trimmer.

6.2 Battery Care

Charge batteries fully before first use. Store batteries in a cool, dry place away from direct sunlight. Do not expose batteries to extreme temperatures. Use only the provided charger for optimal battery life.

6.3 Cleaning and Storage

After each use, remove the battery and clean the trimmer head and guard with a damp cloth. Store the trimmer in a dry, secure location, out of reach of children.

7. Troubleshooting

Problem	Possible Cause	Solution
Trimmer does not start	Battery not inserted correctly; Battery not charged; Safety switch not pressed.	Ensure battery is fully seated; Charge battery; Press safety switch before squeezing trigger.

Problem	Possible Cause	Solution
Cutting line does not advance	Spool empty; Line tangled; Debris in head.	Replace spool; Clear any tangles or debris from trimmer head.
Reduced cutting performance	Dull cutting line; Low battery charge.	Advance or replace cutting line; Recharge battery.

8. Specifications

- **Brand:** MZK
- **Model:** ST12D07
- **Power Source:** Battery Powered (20V Lithium-ion)
- **Cutting Width:** 12 Inches
- **Motor Speed:** 8000 RPM
- **Product Dimensions:** 39"L x 13"W
- **Item Weight:** 7.39 pounds
- **Assembly Required:** Yes

9. Warranty & Support

For warranty information, technical support, or any questions regarding your MZK product, please refer to the contact details provided in your product packaging or visit the official MZK website. MZK is committed to providing excellent customer service.

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